

**APPENDIX II**  
**THREATENED AND ENDANGERED SPECIES INFORMATION**



April 16, 2019

Mr. Matthew D. Kroll, P.E.  
Timber Ridge at Hartland, LLC  
44095 Pipeline Plaza Suite 140  
Ashburn, VA 20147

TNT Project #: 1460-F

Reference: Threatened and Endangered Species Review, Hartland South, Loudoun County, Virginia  
Latitude: 38° 57' 43" N, Longitude: -77° 34' 47" W

Dear Mr. Kroll:

TNT Environmental, Inc. (TNT) is pleased to present this Threatened & Endangered Species Review for the above-referenced project in general accordance with TNT Proposal Number 2064 dated January 9, 2019. The potential for threatened and endangered species on and in the vicinity of the project site was evaluated using available information and project reviews through the Virginia Department of Conservation and Recreation (DCR), the Virginia Department of Game and Inland Fisheries (DGIF), and the US Fish and Wildlife Service (USFWS) Information, Planning, and Conservation System (IPaC).

As requested, TNT contacted the Virginia Department of Conservation & Recreation (DCR) to evaluate the project site's potential for protected species and Natural Heritage areas. Based on DCR's review, no natural heritage resources have been documented within two miles of the project boundary. Additionally, the current activity will not affect any document state-listed plants or insects and there are no State natural Area Preserves in the project vicinity.

A search of DGIF's Fish and Wildlife Information Service online database was also conducted to identify the potential for threatened and endangered species within a standard two-mile radius of the project site. The results of these findings indicate that two state-listed threatened species, the wood turtle (*Glyptemys insculpta*) and the green floater (*Lasmigona subviridis*) have potential habitat within two miles of the project site, if suitable habitat is present. The wood turtle, whose preferred habitat includes hard-bottomed streams with deep pools and adjoining forest, and the green floater, whose preferred habitat includes hydrologically stable streams with deep pools, and sand or gravel substrate, are noted as having potential habitat within a two-mile radius of the project site area; however, there are no documented occurrences or "Collections" recorded of this species within the limits of the proposed project. Due to the presence of preferred habitat within the project area, it is in TNT's opinion that a species-specific survey may be required.

An official species list from the USFWS' IPaC was requested to identify federally-listed threatened, endangered and proposed and candidate species, as well as critical habitat that may be affected by the proposed project. The USFWS project review indicates no critical habitat is located within the proposed project area. In addition to these findings, one (1) Federally-listed threatened species, the northern long-eared bat (*Myotis septentrionalis*) is listed as potentially being present within the geographic area of the

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13996 Parkeast Circle, Suite 101, Chantilly, Virginia 20151  
703-466-5123  TNTEnvironmentalinc.com

Timber Ridge at Hartland, LLC

April 16, 2019

TNT Project #: 1460-F

Page | 2

project. Based on the final 4(d) rule ((81 Federal Register 1900-1922), effective February 16, 2016) for the northern long-eared bat, as well as a review of DGIF's northern long-eared bat Winter Habitat and Roost Trees GIS Application, incidental (unintentional) takes of the northern long-eared bat are not prohibited for the proposed land development associated with this project. Voluntary conservation measures are listed for conservation of the NLEB on the USFWS' website; however, they are not mandatory.

TNT would like to thank you for the opportunity to provide you with this review. We look forward to assisting you further with this project and other environmental concerns you may have. If you have any questions, please feel free to contact us at any time at (703) 466-5123.

Sincerely,

**TNT ENVIRONMENTAL, INC.**



Tara N. Wilkins

Environmental Scientist

[Tara@TNTenvironmentalinc.com](mailto:Tara@TNTenvironmentalinc.com)



Avi M. Sareen, PWD, PWS, ISA-CA

Principal/President

[Avi@TNTenvironmentalinc.com](mailto:Avi@TNTenvironmentalinc.com)

*Appendices:*

*Appendix A: DCR Project Review*

*Appendix B: VAFWIS DGIF Information Services*

*Appendix C: USFWS Project Review*

**Appendix A:**  
**DCR Project Review**



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE



Virginia Field Office  
6669 Short Lane  
Gloucester, VA 23061

Date: August 21, 2020

### Self-Certification Letter

Project Name: Hartland Phase II, Approximate Forest Clearing 861,097 SF (19.8 Acres)

Dear Applicant:

Thank you for using the U.S. Fish and Wildlife Service (Service) Virginia Ecological Services online project review process. By printing this letter in conjunction with your project review package, you are certifying that you have completed the online project review process for the project named above in accordance with all instructions provided, using the best available information to reach your conclusions. This letter, and the enclosed project review package, completes the review of your project in accordance with the Endangered Species Act of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as amended (ESA). This letter also provides information for your project review under the National Environmental Policy Act of 1969 (P.L. 91-190, 42 U.S.C. 4321-4347, 83 Stat. 852), as amended. A copy of this letter and the project review package must be submitted to this office for this certification to be valid. This letter and the project review package will be maintained in our records.

The species conclusions table in the enclosed project review package summarizes your ESA conclusions. These conclusions resulted in:

- “no effect” determinations for proposed/listed species and/or proposed/designated critical habitat; and/or
- Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR § 17.40(o) [as determined through the Information, Planning, and Consultation System (IPaC) northern long-eared bat assisted determination key]; and/or
- “may affect, not likely to adversely affect” determinations for proposed/listed species and/or proposed/designated critical habitat.

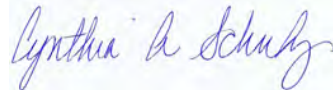
We certify that use of the online project review process in strict accordance with the instructions provided as documented in the enclosed project review package results in reaching the appropriate determinations. Therefore, we concur with the determinations described above for proposed and listed species and proposed and designated critical habitat. Additional coordination with this office is not needed.

Candidate species are not legally protected pursuant to the ESA. However, the Service encourages consideration of these species by avoiding adverse impacts to them. Please contact this office for additional coordination if your project action area contains candidate species.

Should project plans change or if additional information on the distribution of proposed or listed species, proposed or designated critical habitat becomes available, this determination may be reconsidered. This certification letter is valid for 1 year.

Information about the online project review process including instructions and use, species information, and other information regarding project reviews within Virginia is available at our website [http://www.fws.gov/northeast/virginiafield/endspecies/project\\_reviews.html](http://www.fws.gov/northeast/virginiafield/endspecies/project_reviews.html). If you have any questions, please contact Troy Andersen of this office at (804) 824-2428.

Sincerely,

A handwritten signature in blue ink that reads "Cynthia A. Schulz". The signature is fluid and cursive, with the first name "Cynthia" being more prominent.

Cindy Schulz  
Field Supervisor  
Virginia Ecological Services

Enclosures - project review package

Matthew J. Strickler  
*Secretary of Natural Resources*

Clyde E. Cristman  
*Director*



Rochelle Altholz  
*Deputy Director of  
Administration and Finance*

Russell W. Baxter  
*Deputy Director of  
Dam Safety & Floodplain  
Management and Soil & Water  
Conservation*

Thomas L. Smith  
*Deputy Director of Operations*

**COMMONWEALTH of VIRGINIA**  
**DEPARTMENT OF CONSERVATION AND RECREATION**

February 15, 2019

Sophia Swartzendruber  
TNT Environmental, INC  
13996 Parkeast Circle, Suite 101  
Chantilly, VA 20151

Re: 1460-B, Lenah Farm

Dear Ms. Swartzendruber:

The Department of Conservation and Recreation's Division of Natural Heritage (DCR) has searched its Biotics Data System for occurrences of natural heritage resources from the area outlined on the submitted map. Natural heritage resources are defined as the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geologic formations.

According to the information currently in our files, natural heritage resources have not been documented within two miles of the project boundary. The absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks natural heritage resources.

Under a Memorandum of Agreement established between the Virginia Department of Agriculture and Consumer Services (VDACS) and the DCR, DCR represents VDACS in comments regarding potential impacts on state-listed threatened and endangered plant and insect species. The current activity will not affect any documented state-listed plants or insects.

There are no State Natural Area Preserves under DCR's jurisdiction in the project vicinity.

New and updated information is continually added to Biotics. Please re-submit a completed order form and project map for an update on this natural heritage information if the scope of the project changes and/or six months has passed before it is utilized.

A fee of \$90.00 has been assessed for the service of providing this information. Please find attached an invoice for that amount. Please return one copy of the invoice along with your remittance made payable to the Treasurer of Virginia, DCR Finance, 600 East Main Street, 24<sup>th</sup> Floor, Richmond, VA 23219. Payment is due within thirty days of the invoice date. Please note late payment may result in the suspension of project review service for future projects.

The Virginia Department of Game and Inland Fisheries (VDGIF) maintains a database of wildlife locations, including threatened and endangered species, trout streams, and anadromous fish waters that may contain information not documented in this letter. Their database may be accessed from <http://vafwis.org/fwis/> or contact Ernie Aschenbach at 804-367-2733 or [Ernie.Aschenbach@dgif.virginia.gov](mailto:Ernie.Aschenbach@dgif.virginia.gov).

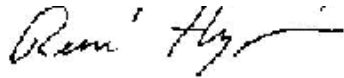
600 East Main Street, 24<sup>th</sup> Floor | Richmond, Virginia 23219 | 804-786-6124

*State Parks • Soil and Water Conservation • Outdoor Recreation Planning  
Natural Heritage • Dam Safety and Floodplain Management • Land Conservation*

Received by VMRC September 3, 2020 /blh

Should you have any questions or concerns, feel free to contact me at 804-371-2708. Thank you for the opportunity to comment on this project.

Sincerely,

A handwritten signature in black ink, appearing to read "René Hypes", with a stylized flourish extending to the right.

S. René Hypes  
Natural Heritage Project Review Coordinator



**Appendix B:**  
**VAFWIS DGIF Information Services**

**VaFWIS Search Report** Compiled on 8/21/2020, 11:16:23 AM[Help](#)

Known or likely to occur within a **2 mile radius around point 38.9646900 -77.5768348**  
in **107 Loudoun County, VA**

[View Map of  
Site Location](#)

495 Known or Likely Species ordered by Status Concern for Conservation  
(displaying first 27) (27 species with Status\* or Tier I\*\* or Tier II\*\* )

<a href="#">BOVA Code</a>	<a href="#">Status*</a>	<a href="#">Tier**</a>	<a href="#">Common Name</a>	<a href="#">Scientific Name</a>	<a href="#">Confirmed</a>	<a href="#">Database(s)</a>
060003	FESE	Ia	<a href="#">Wedgemussel, dwarf</a>	Alasmidonta heterodon		BOVA
050022	FTST	Ia	<a href="#">Bat, northern long-eared</a>	Myotis septentrionalis		BOVA
060029	FTST	IIa	<a href="#">Lance, yellow</a>	Elliptio lanceolata		BOVA,HU6
050020	SE	Ia	<a href="#">Bat, little brown</a>	Myotis lucifugus		BOVA
050027	SE	Ia	<a href="#">Bat, tri-colored</a>	Perimyotis subflavus		BOVA
060006	SE	Ib	<a href="#">Floater, brook</a>	Alasmidonta varicosa		BOVA
030062	ST	Ia	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Potential</a>	BOVA,Habitat,HU6
040096	ST	Ia	<a href="#">Falcon, peregrine</a>	Falco peregrinus		BOVA
040293	ST	Ia	<a href="#">Shrike, loggerhead</a>	Lanius ludovicianus		BOVA
040379	ST	Ia	<a href="#">Sparrow, Henslow's</a>	Centronyx henslowii		BOVA
060081	ST	IIa	<a href="#">Floater, green</a>	Lasmigona subviridis	<a href="#">Potential</a>	BOVA,Habitat,HU6
040292	ST		<a href="#">Shrike, migrant loggerhead</a>	Lanius ludovicianus migrans		BOVA
030063	CC	IIIa	<a href="#">Turtle, spotted</a>	Clemmys guttata		BOVA
030012	CC	IVa	<a href="#">Rattlesnake, timber</a>	Crotalus horridus		BOVA,HU6
040092		Ia	<a href="#">Eagle, golden</a>	Aquila chrysaetos		BOVA
040306		Ia	<a href="#">Warbler, golden-winged</a>	Vermivora chrysoptera		BOVA
100248		Ia	<a href="#">Fritillary, regal</a>	Speyeria idalia idalia		BOVA,HU6
040213		Ic	<a href="#">Owl, northern saw-whet</a>	Aegolius acadicus		BOVA,HU6
040052		IIa	<a href="#">Duck, American black</a>	Anas rubripes		BOVA,HU6
040036		IIa	<a href="#">Night-heron, yellow-crowned</a>	Nyctanassa violacea violacea		BOVA
040181		IIa	<a href="#">Tern, common</a>	Sterna hirundo		HU6
040320		IIa	<a href="#">Warbler, cerulean</a>	Setophaga cerulea		BOVA,HU6
040140		IIa	<a href="#">Woodcock, American</a>	Scolopax minor		BOVA,HU6
060071		IIa	<a href="#">Lampmussel, yellow</a>	Lampsilis cariosa		BOVA,HU6
040203		IIB	<a href="#">Cuckoo, black-billed</a>	Coccyzus		BOVA

				erythropthalmus		
040105		Iib	<a href="#">Rail, king.</a>	Rallus elegans		BOVA
100166		Iic	<a href="#">Skipper, Dotted</a>	Hesperia attalus slossonae		BOVA,HU6

To view **All 495 species** [View 495](#)

\*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed;  
FC=Federal Candidate; CC=Collection Concern

\*\*I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need;

III=VA Wildlife Action Plan - Tier III - High Conservation Need;

IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

Virginia Wildlife Action Plan Conservation Opportunity Ranking:

a - On the ground management strategies/actions exist and can be feasibly implemented.;

b - On the ground actions or research needs have been identified but cannot feasibly be implemented at this time.;

c - No on the ground actions or research needs have been identified or all identified conservation opportunities have been exhausted.

[View Map of All Query Results from All Observation Tables](#)

Bat Colonies or Hibernacula: **Not Known**

#### Anadromous Fish Use Streams

N/A

#### Impediments to Fish Passage ( 1 records )

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
1233	<a href="#">QUAIL RIDGE DAM</a>	TR-BROAD RUN	<a href="#">Yes</a>

#### Colonial Water Bird Survey

N/A

#### Threatened and Endangered Waters

N/A

#### Managed Trout Streams

N/A

#### Bald Eagle Concentration Areas and Roosts

N/A

**Bald Eagle Nests**

N/A

**Species Observations** ( 3 records )
[View Map of All Query Results](#)  
[Species Observations](#)

obsID	class	Date Observed	Observer	N Species			View Map
				Different Species	Highest TE <sup>*</sup>	Highest Tier <sup>**</sup>	
<a href="#">625136</a>	SppObs	Apr 27 2017	Kevin; Rose  Julia; Paul	2			<a href="#">Yes</a>
<a href="#">425216</a>	SppObs	Sep 6 2005	VCU - INSTAR	17			<a href="#">Yes</a>
<a href="#">300693</a>	SppObs	Jul 6 2001	ROGER B. CLAPP	1			<a href="#">Yes</a>

Displayed 3 Species Observations

**Habitat Predicted for Aquatic WAP Tier I & II Species** ( 4 Reaches )
[View Map Combined Reaches from Below of Habitat Predicted for WAP Tier I & II Aquatic Species](#)

Stream Name	Tier Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
Broad Run (20700081)	ST	030062	ST	Ia	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>
Howsers Branch (20700081)	ST	030062	ST	Ia	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>
		060081	ST	IIa	<a href="#">Floater, green</a>	Lasmigona subviridis	
Lenah Run (20700081)	ST	030062	ST	Ia	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>
tributary (20700081)	ST	030062	ST	Ia	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>
tributary (20700081)	ST	030062	ST	Ia	<a href="#">Turtle, wood</a>	Glyptemys insculpta	<a href="#">Yes</a>

**Habitat Predicted for Terrestrial WAP Tier I & II Species**

N/A

**Virginia Breeding Bird Atlas Blocks** ( 4 records )

[View Map of All Query Results](#)  
[Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE *	Highest Tier **	
50204	<a href="#">Arcola, CE</a>	41		III	<a href="#">Yes</a>
50203	<a href="#">Arcola, CW</a>	44		III	<a href="#">Yes</a>
50202	<a href="#">Arcola, NE</a>	43		III	<a href="#">Yes</a>
50201	<a href="#">Arcola, NW</a>	45		III	<a href="#">Yes</a>

**Public Holdings:**

N/A

**Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:**

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
107	<a href="#">Loudoun</a>	438	FTSE	I

**USGS 7.5' Quadrangles:**

Arcola

**USGS NRCS Watersheds in Virginia:**

N/A

**USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:**

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
PL13	<a href="#">Little River</a>	60	FTST	I
PL14	<a href="#">Goose Creek-Big Branch</a>	59	FTST	I
PL17	<a href="#">Broad Run-Lenah Run</a>	49	ST	I

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PixelSize=64; Anadromous=0.025527; BBA=0.066461; BECAR=0.022967; Bats=0.022788; Buffer=0.097545; County=0.104434; HU6=0.092548; Impediments=0.03221; Init=0.15919; PublicLands=0.035721; Quad=0.054514; SppObs=0.227793; TEWaters=0.032809; TierReaches=0.084154; TierTerrestrial=0.040669; Total=1.258831; Tracking\_BOVA=0.178375; Trout=0.025692; huva=0.042328

**Site Location**

38,57,52.8 -77,34,36.6  
is the Search Point

**Show Position Rings**

☒ Yes ☐ No

1 mile and 1/4 mile at the  
Search Point

**Show Search Area**

☒ Yes ☐ No

2 Search distance miles  
radius

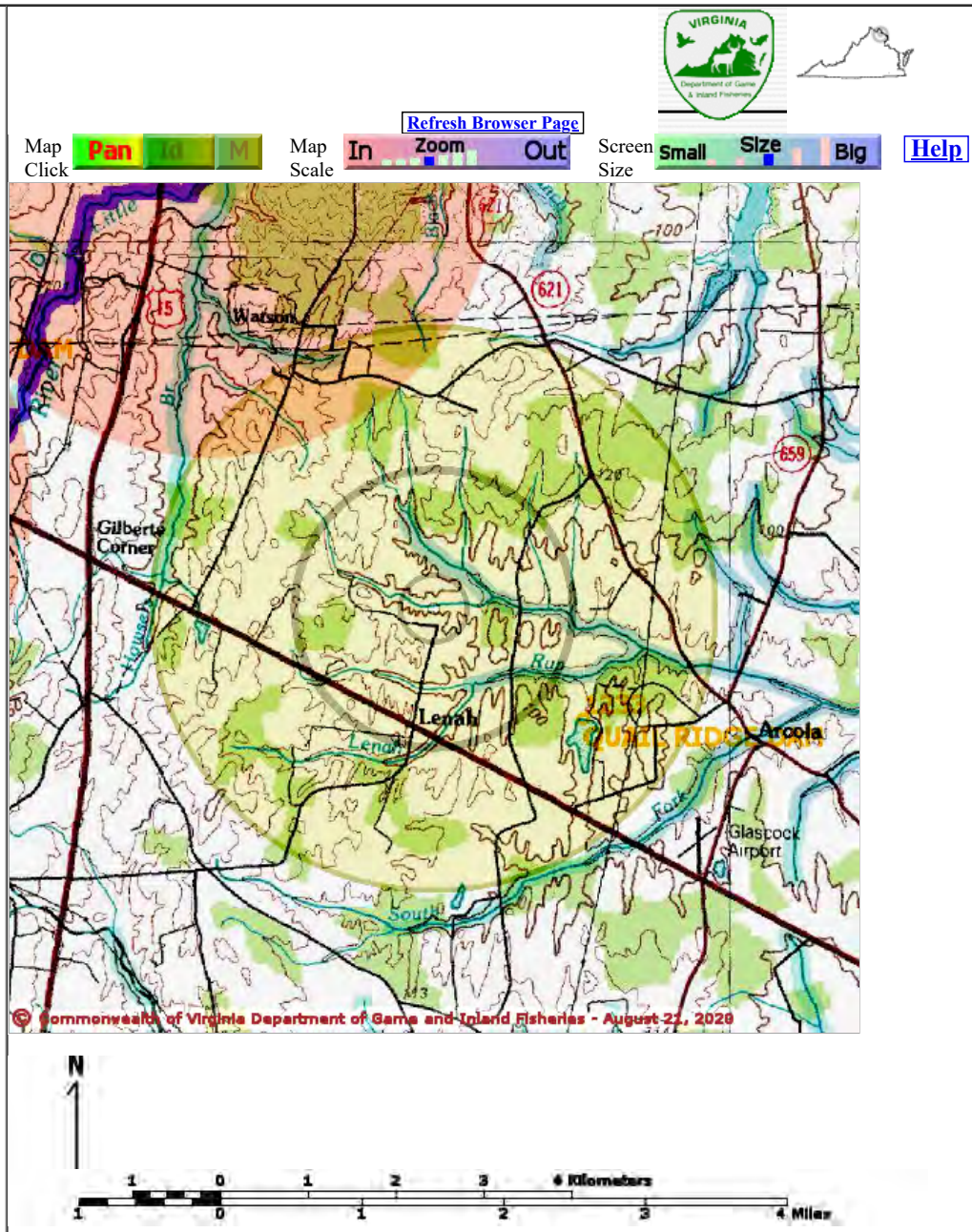
Search Point is at  
map center

**Base Map [Choices](#)**

Topography

**Map Overlay [Choices](#)**

Current List: Position, Search,  
BECAR, BAEANests,  
TEWaters, TierII, Habitat,  
Trout, Anadromous

**Map Overlay Legend**

Point of Search 38,57,52.8 -77,34,36.6

Map Location 38,57,52.8 -77,34,36.6

Select **Coordinate System:** ☒ Degrees, Minutes, Seconds Latitude - Longitude

☐ Decimal Degrees Latitude - Longitude

☐ Meters UTM NAD83 East North Zone

☐ Meters UTM NAD27 East North Zone

Base Map source: USGS 1:100,000 topographic maps (see [Microsoft terraserver-usa.com](https://terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 271943 and top 4320816. Pixel size is 16 meters. Coordinates displayed are Degrees, Minutes, Seconds North and West. Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The map display represents 31501 feet east to west by 31501 feet north to south for a total of 35.5

T & E Waters

Federal

State

Predicted Habitat WAP Tier I & II

Aquatic

Terrestrial

Trout Waters

Class I - IV

Class V - VI

Anadromous Fish Reach

Confirmed

Potential

J32 Impediment

Position Rings

1 mile and 1/4 mile at the Search Point

2 mile radius Search Area

Bald Eagle Concentration Areas and Roosts

square miles.

Topographic maps and Black and white aerial photography for year 1990+- are from the United States Department of the Interior, United States Geological Survey. Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network.

Shaded topographic maps are from TOPO! ©2006 National Geographic  
<http://www.national.geographic.com/topo>

All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.

map assembled 2020-08-21 11:17:33 (qa/qc March 21, 2016 12:20 - tn=1049965.0 dist=3218 I)  
\$poi=38.9646900 -77.5768348

**Appendix C:**  
**USFWS Project Review**





## United States Department of the Interior

### FISH AND WILDLIFE SERVICE

Virginia Ecological Services Field Office

6669 Short Lane

Gloucester, VA 23061-4410

Phone: (804) 693-6694 Fax: (804) 693-9032

<http://www.fws.gov/northeast/virginiafield/>



In Reply Refer To:

August 21, 2020

Consultation Code: 05E2VA00-2019-SLI-3420

Event Code: 05E2VA00-2020-E-15863

Project Name: Hartland South

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries

## Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Virginia Ecological Services Field Office**

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

## Project Summary

Consultation Code: 05E2VA00-2019-SLI-3420

Event Code: 05E2VA00-2020-E-15863

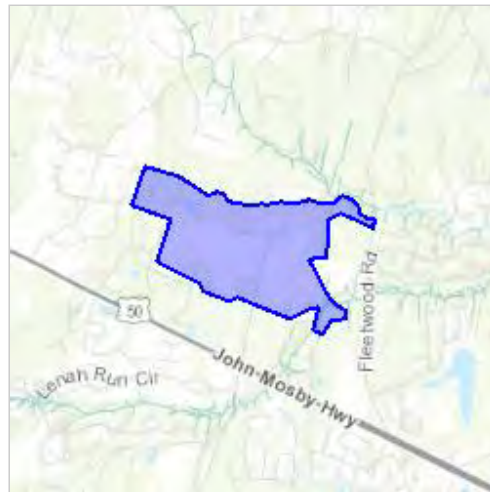
Project Name: Hartland South

Project Type: LAND - ACQUISITION

Project Description: West of Fleetwood Road and east of Lenah Farm Lane.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/38.96199466577086N77.57967033613727W>



Counties: Loudoun, VA

## Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Threatened

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

# USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.